BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Improvements to Roads at Navy Layout in Ward No 14

			Est. Cost Rs				35.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-47. Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges Complete as per specifications. MORTH Chapter 3. **Page No. 158/ Item No. 19.53/ PWD SR 2013-14**	**Sqm**							
	Cross roads		1	570.00	6.00		3420.00		
	Basic Rate	18.75					**3420.00**	**20.25**	**69255.00**
	Area Weightage 8%	1.50							
	Total	**20.25**							
2	KSRRB M400-1. **For Grading I Material** Construction of **granular sub-base** by providing close graded granular sub-base Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Specifications. A. Plant Mix Method. **Page No. 167/ Item No. 20.4.1 PWD SR 2013-14**	**Cum**							
			1	570.00	6.00	0.15	**513**	1060.56	**544067.00**
	Basic Rate	982.00							
	Area Weightage 8%	78.56							
	Total	**1060.56**							
3	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 **Page No. 170/ Item No. 20.18/ PWD SR 2013-14**	**Cum**							
	Cross roads		1	570.00	6.00	0.20	**684.00**	1121.04	**766791.00**
	Basic Rate	1038.00							
	Area Weightage 8%	83.04							
	Total	**1121.04**							

4	Providing and applying **primer coat** with Bitumen emulsion on prepared surface of granular base includ● clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, Mort Specification No 502, P-175, I No.21.6)	Sqm							
			1	570.00	6.00		**3420.00**	44.28	**151438.00**
	Basic Rate	41.00							
	Add Area Weightage 8%	3.28							
	Total	**44.28**							
5	Providing and applaying **bituminous concrete** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled vibratory and ttandem rollers to achieve the desired compaction as per MoRTH specification clause No. 500.9 complete in all respects as per specification (PWDSR 2013-14, P.No.179, I No. 21.22.2)	**Cum**							
			1	570.00	6.00	0.04	**136.80**	11452.32	**1566677.00**
	Basic Rate	10604.00							
	Area Weightage 8%	848.32							
	Total	**11452.32**							
6	**Carraige** of Mixed Materials above 15 Km beyound 10Km to 15 Kmslead at P-168, d 15x4.90=73.50		**Qty Vide Item No 5**				**136.80**	73.50	**10055.00**
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 150 Item No. 17.1 PWD SR 2013-14**	Cum							
			Qty Vide Item No. 1*.15				**513.00**	78.24	**40135.00**
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	**72.44**							

	Add Area Weightage 8%	5.80							
	Total	**78.24**							
12	For Quality Control Report Charges1% of the Estimated Cost + KRIDL Charges 10% + Labour Cess 1%								~~35000~~ ~~35000~~
13	Miscellaneous and UnforessenCharges							15[illegible]	4739.00
								Total	3500000.00

(Rupees. Thirty Five Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2013-14
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

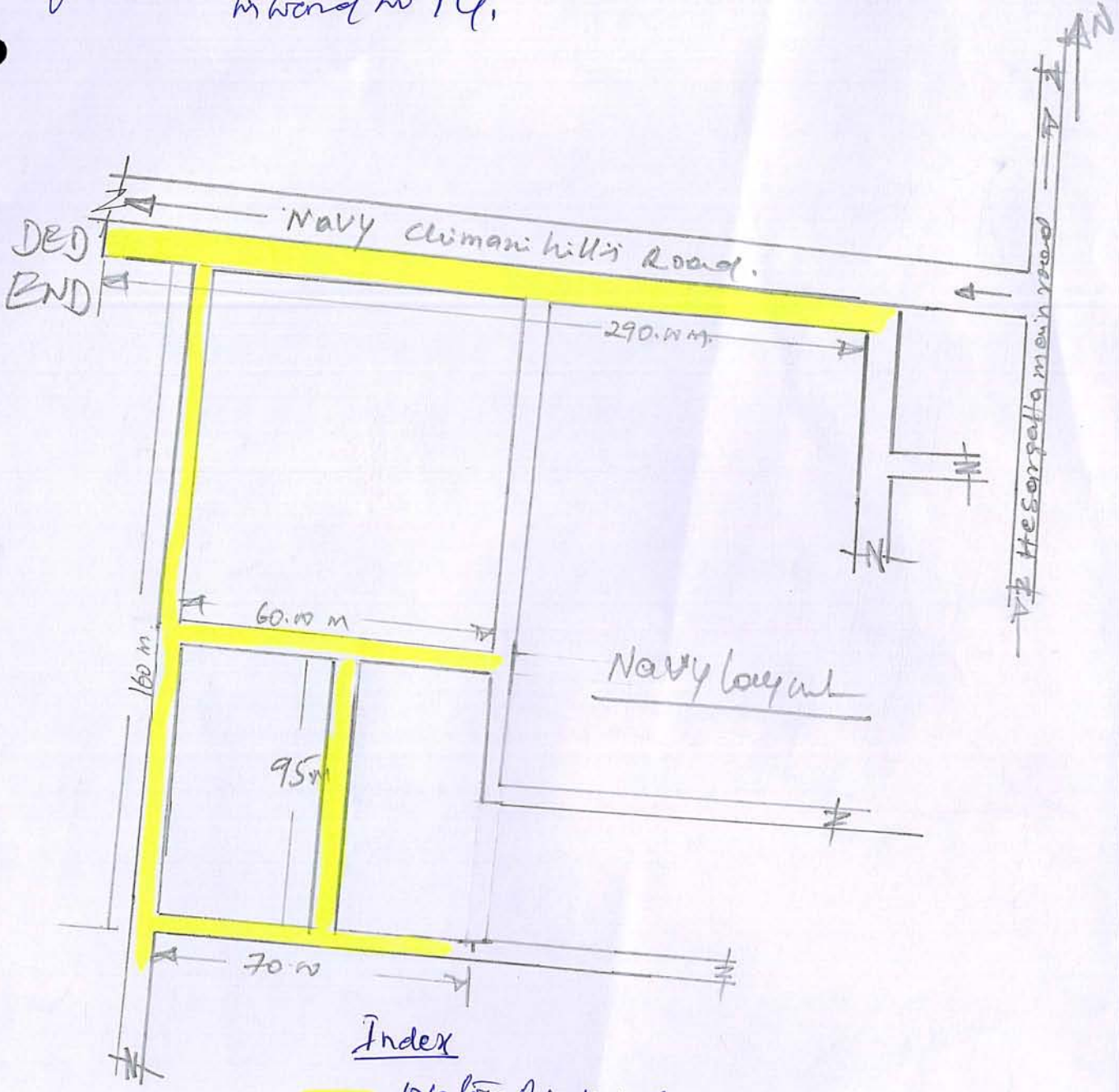
Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

AE(Plt) PS 892/13-14 A/S
ದಿನಾಂಕ : 04/03/14
ರೂ. 35.00 Lakhs (Rupees Thirty five lakhs only)
ಗೆ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
Page No: 005
SL No: 892
ಆಪರ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

CE/DZ/PR/TS/38/14-15
ನಂ. Pg: 69 ದಿನಾಂಕ : 20/5/2014
ರೂ. 35,00000/- (ಮೂವತ್ತೈದು ಲಕ್ಷ ರೂಪಾಯಿ)
ಗೆ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Name of work:- Improvements to roads and drains at Navy layout in ward no 14.



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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು